

Claims

What is claimed is:

1. A method for implementing database connection mapping for connecting a user to at least one database in a reporting system, comprising the steps of:

5 enabling a user to submit a user identification input and a user request to a reporting system;

identifying the user based on user identification input; and

controlling access to at least one database through a centralized server wherein the centralized server maps the user to at least one appropriate database based on the user request and at least one database connection definition.

2. The method of claim 1 wherein the database connection definition comprises a data source name and a set of properties for establishing a database connection to at least one database.

3. The method of claim 2 wherein the data source name comprises information for locating and logging into a database.

4. The method of claim 2 wherein the database connection comprises a physical open database connectivity connection to a database.

5. The method of claim 1 wherein the user is associated with a group of users where each user of the group is mapped to a database connection via a database login.

20 6. The method of claim 1 further comprising the step of load balancing query volume associated with the at least one database.

7. A system for implementing database connection mapping for connecting a user to at least one database in a reporting system, comprising:

a user input for enabling a user to submit a user identification input and a user request to a reporting system;

5 an identification module for identifying the user based on user identification input; and

a centralized server for controlling access to at least one database wherein the centralized server maps the user to at least one appropriate database based on the user request and at least one database connection definition.

10 8. The system of claim 7 wherein the database connection definition comprises a data source name and a set of properties for establishing a database connection to at least one database.

9. The system of claim 8 wherein the data source name comprises information for locating and logging into a database.

15 10. The system of claim 8 wherein the database connection comprises a physical open database connectivity connection to a database.

11. The system of claim 7 wherein the user is associated with a group of users where each user of the group is mapped to a database connection via a database login.

20 12. The system of claim 7 further comprising a load balancing module for load balancing query volume associated with the at least one database.

13. A processor-readable medium comprising code for execution by a processor to implement database connection mapping for connecting a user to at least one database in a reporting system, the medium comprising:
- code for causing a processor to enable a user to submit a user identification input and a user request to a reporting system;
- code for causing a processor to identify the user based on user identification input; and
- code for causing a processor to control access to at least one database through a centralized server wherein the centralized server maps the user to at least one appropriate database based on the user request and at least one database connection definition.
14. The medium of claim 13 wherein the database connection definition comprises a data source name and a set of properties for establishing a database connection to at least one database.
15. The medium of claim 14 wherein the data source name comprises information for locating and logging into a database.
16. The medium of claim 14 wherein the database connection comprises a physical open database connectivity connection to a database.
17. The medium of claim 13 wherein the user is associated with a group of users where each user of the group is mapped to a database connection via a database login.

18. The medium of claim 13 further comprising code for causing a processor to load
balance query volume associated with the at least one database.

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